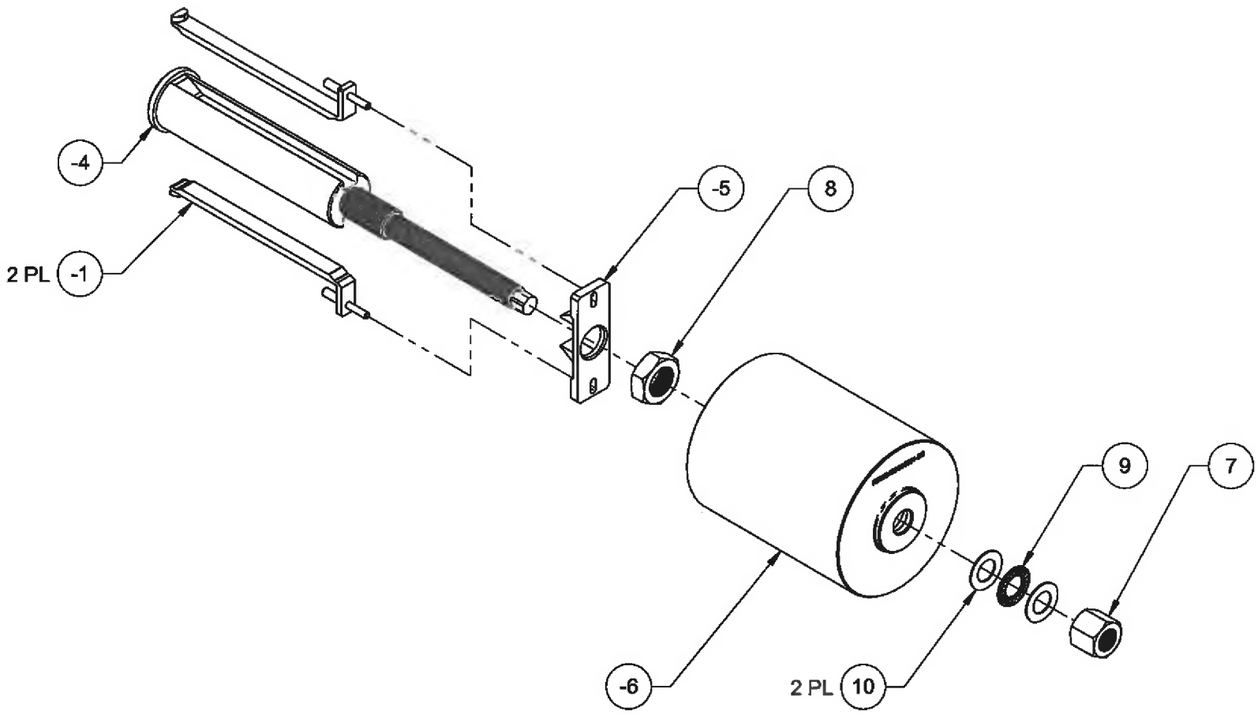
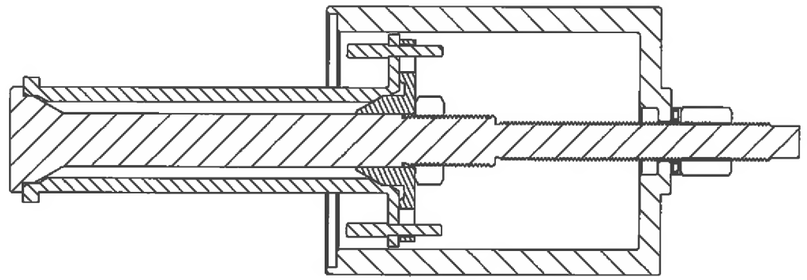
ITEM #	QTY	PART #	PART TITLE
-1	2	RBW6430G00631-8G-1	PULLER ASSEMBLY
-4	1	RBW6430G00631-8G-4	GUIDE
-5	1	RBW6430G00631-8G-5	SPACER
-6	1	RBW6430G00631-8G-6	REACTION
7	1	McMaster#90565A333 OR EQUIV.	STEEL HIGH HEX NUT 9/16"-18 X 49/64" HEIGHT.
8	1	McMaster#93839A840 OR EQUIV.	STEEL THIN HEX NUT 3/4"-16 X 27/64" HEIGHT.
9	1	KOYO#NTA-916 OR EQUIV.	STEEL NEEDLE ROLLER THRUST BEARING 9/16" ID. X 1" OD. X 5/64" THK.
10	2	KOYO#TRA-916 OR EQUIV.	STEEL THRUST WASHER 9/16" ID. X 1" OD. X 0.03" THK





RBW6430G00631-8G T/R SLIDER BUSHING RMVL. TOOL

9

NOTES:
1) MATERIAL: N/A
2) HEAT TREAT: N/A
3) FINISH: N/A
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: N/A
7) IDENTIFICATION: N/A
8) ASSEMBLE AS SHOWN
9) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

REV.	DESCRIPTION	ECN #	BY
A	NEW ISSUE	IB-856	KPT

DESIGN	KPT
DRAWN	KPT
CHECKED	KPT
MFG. APPR.	DP
APPROVED	
DATE	12/5/2018

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

TOOL PART # RBW6430G00631-8G REV. A
SHEET 1 OF 7

TITLE T/R SLIDER BUSHING RMVL. TOOL SCALE NTS

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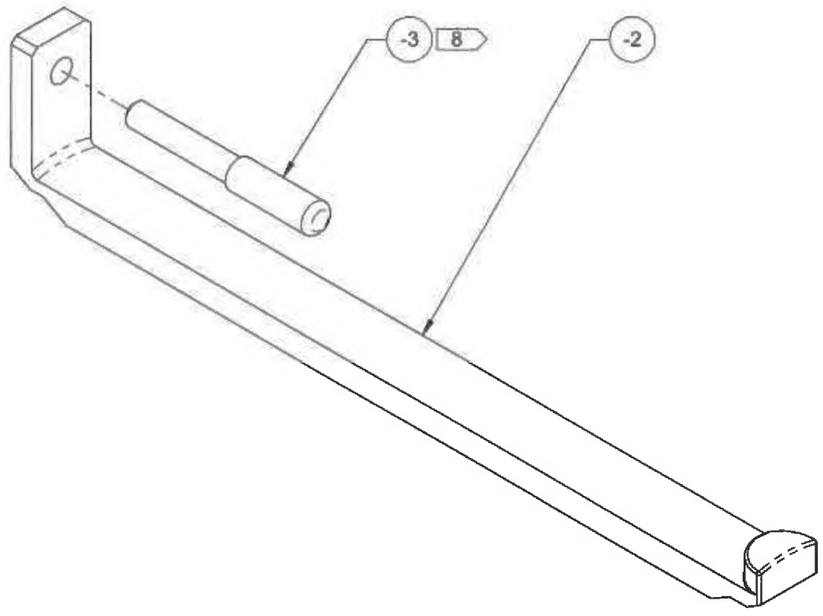
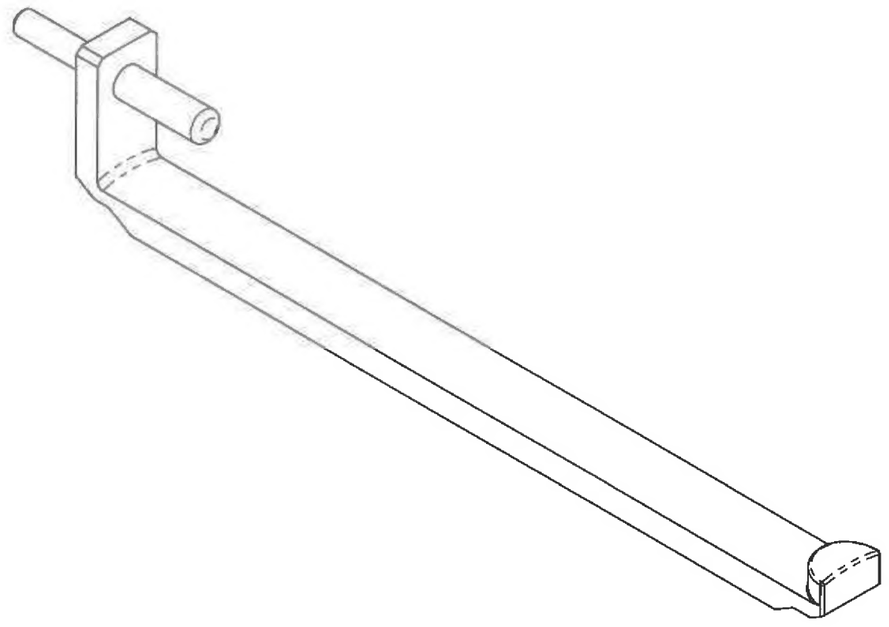
ITEM #	QTY	PART #	PART TITLE
-2	1	RBW6430G00631-8G-2	PULLER
-3	1	RBW6430G00631-8G-3	PIN





RBW6430G00631-8G-1 PULLER ASSEMBLY

NOTES:
1) MATERIAL: N/A
2) HEAT TREAT: N/A
3) FINISH: N/A
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: N/A
7) IDENTIFICATION: N/A
8) APPLY LOCTITE 620 OR EQUIVALENT ON MATING SURFACES THEN PRESS FIT ITEM -2 WITH ITEM -3 AND REMOVE EXCESS

DESIGN	KPT
DRAWN	KPT
CHECKED	KPT
MFG. APPR.	DP
APPROVED	
DATE	12/5/2018

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

TOOL PART # RBW6430G00631-8G REV. A
SHEET 2 OF 7

TITLE T/R SLIDER BUSHING RMVL. TOOL SCALE NTS

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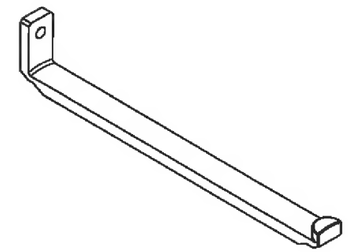
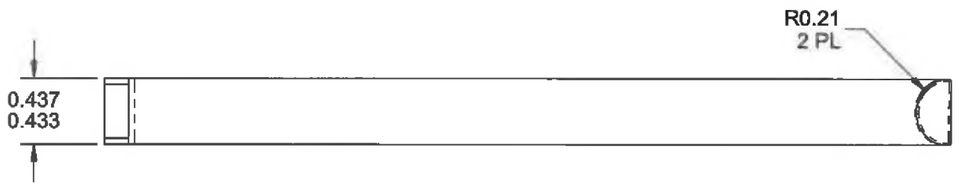
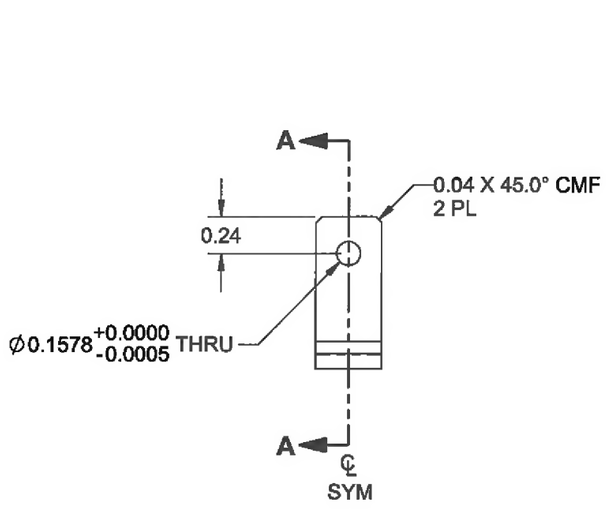
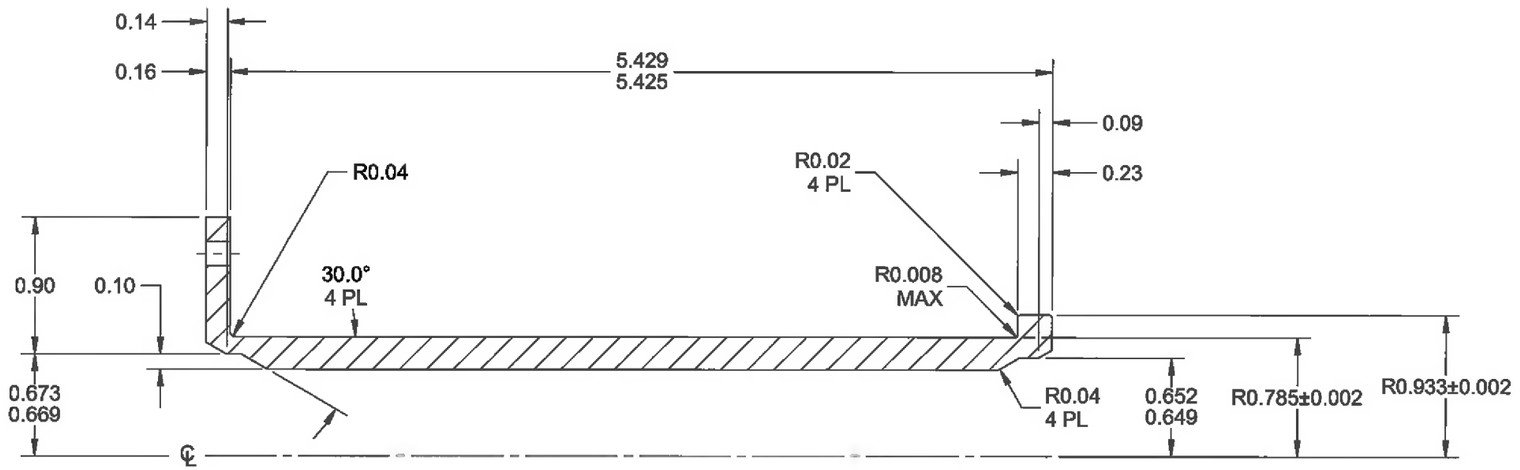






RBW6430G00631-8G-2 PULLER



SECTION A-A

NOTES:
1) MATERIAL: 303/304/316 STAINLESS STEEL
2) HEAT TREAT: N/A
3) FINISH: N/A
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: 0.005" TO 0.010"
7) IDENTIFICATION: N/A

DESIGN	KPT
DRAWN	KPT
CHECKED	KPT
MFG. APPR.	DP
APPROVED	
DATE	12/5/2018

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

TOOL PART # RBW6430G00631-8G
REV. A
SHEET 3 OF 7

TITLE
T/R SLIDER BUSHING RMVL. TOOL
SCALE NTS

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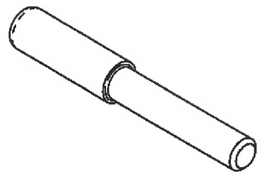

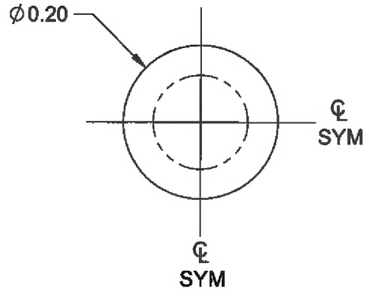

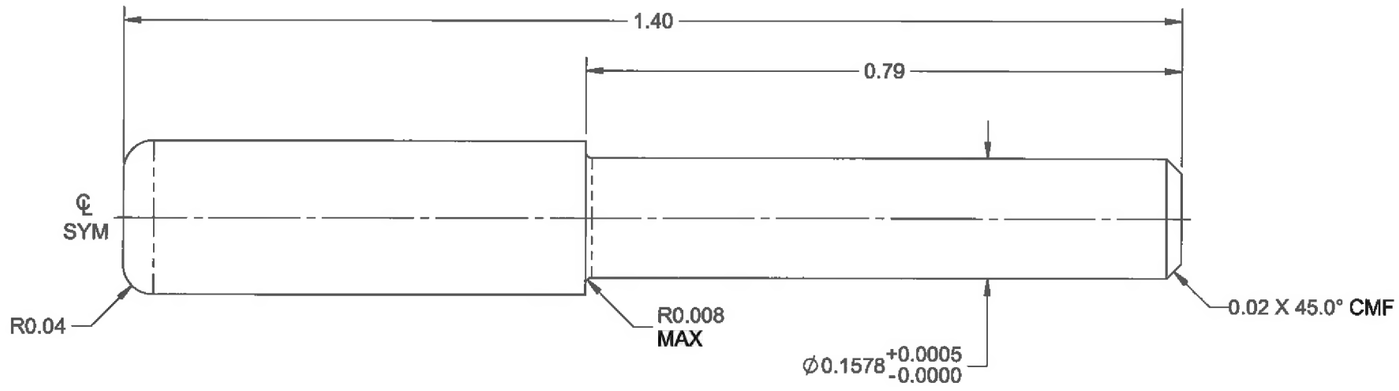

RBW6430G00631-8G-3 PIN

NOTES:
1) MATERIAL: 303/304/316 STAINLESS STEEL
2) HEAT TREAT: N/A
3) FINISH: N/A
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: 0.005" TO 0.010"
7) IDENTIFICATION: N/A

DESIGN	KPT
DRAWN	KPT
CHECKED	KPT
MFG. APPR.	DP
APPROVED	
DATE	12/5/2018

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

TOOL PART # RBW6430G00631-8G REV. A
SHEET 4 OF 7

TITLE T/R SLIDER BUSHING RMVL. TOOL SCALE NTS

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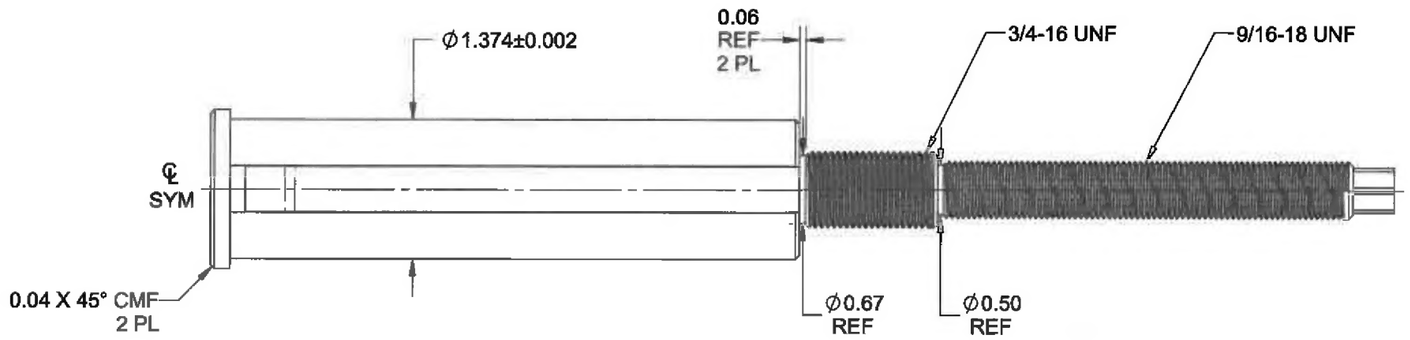
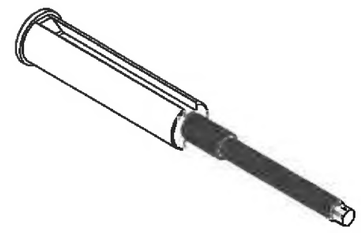
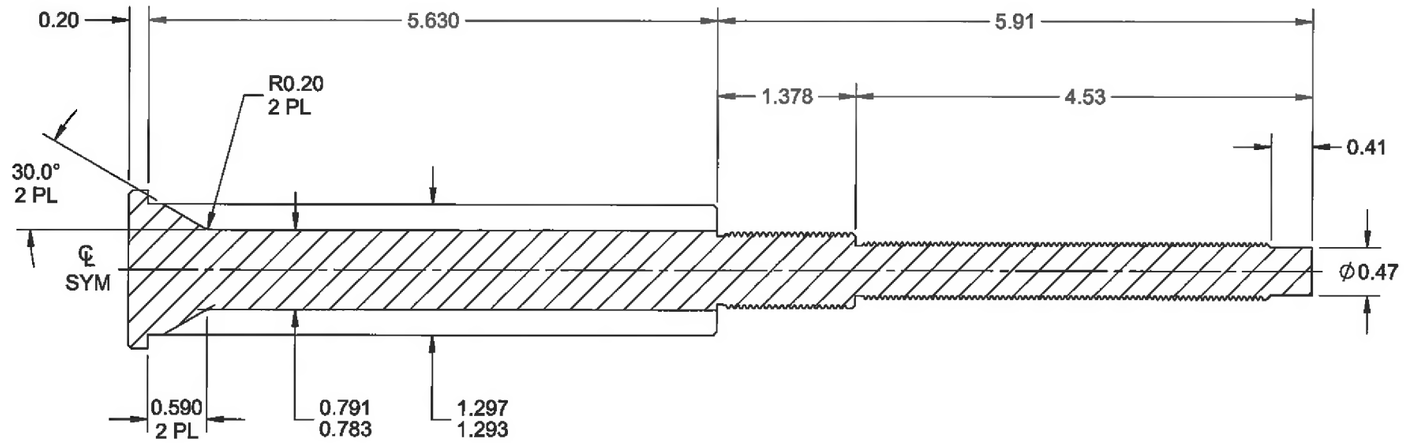
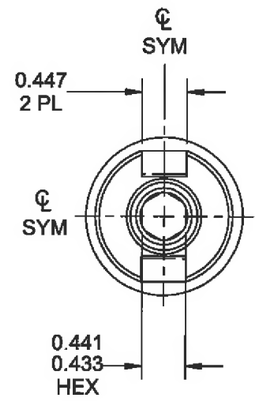




RBW6430G00631-8G-4 GUIDE



SECTION B-B



NOTES:
1) MATERIAL: 4140/4142 (28-32 RC)
2) HEAT TREAT: N/A
3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: 0.005" TO 0.010"
7) IDENTIFICATION: N/A

DESIGN	KPT
DRAWN	KPT
CHECKED	KPT
MFG. APPR.	DP
APPROVED	
DATE	12/5/2018

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

TOOL PART # RBW6430G00631-8G — REV. A — SHEET 5 OF 7

TITLE: T/R SLIDER BUSHING RMVL. TOOL — SCALE: NTS

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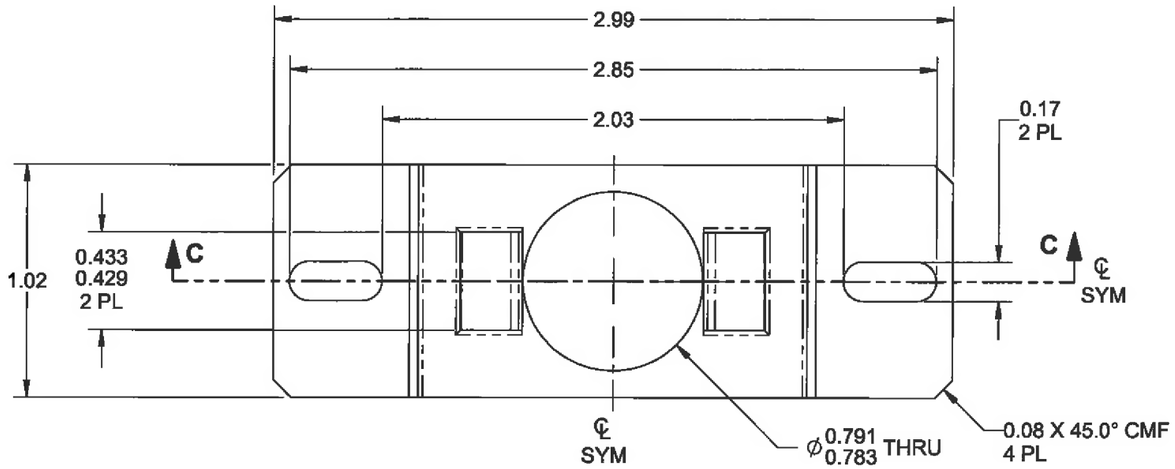

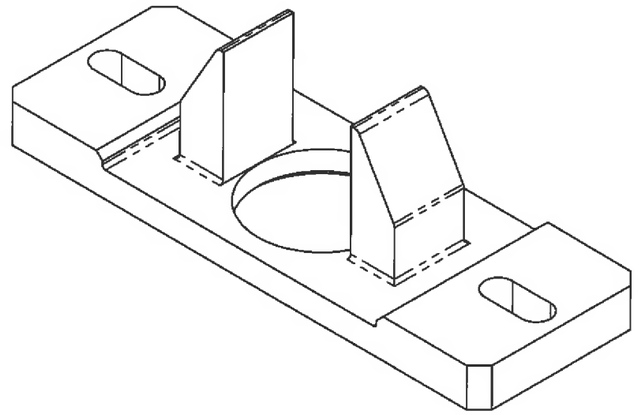

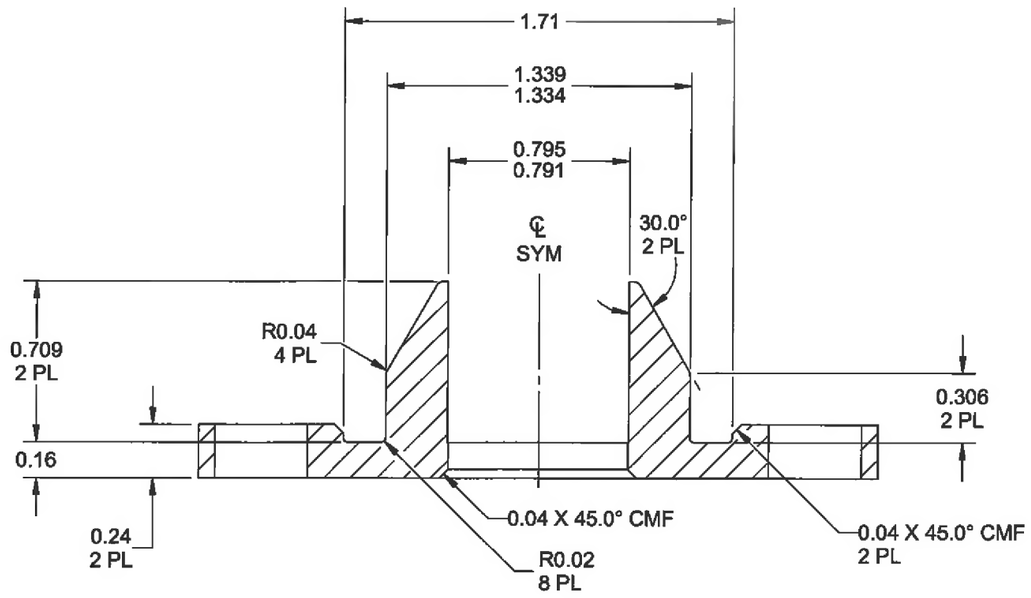

SECTION C-C

RBW6430G00631-8G-5 SPACER

NOTES:
1) MATERIAL: 4140/4142 (28-32 RC)
2) HEAT TREAT: N/A
3) FINISH: ZINC PLATE (YELLOW OR BLACK) PER ASTM B633 TYPE 2 CLASS 2
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: 0.005" TO 0.010"
7) IDENTIFICATION: N/A

DESIGN	KPT	**DART AEROSPACE LTD** HAWKESBURY, ONTARIO, CANADA
DRAWN	KPT	
CHECKED	KPT	TOOL PART # RBW6430G00631-8G — REV. A — SHEET 6 OF 7
MFG. APPR.	DP	
APPROVED	MLee	TITLE T/R SLIDER BUSHING RMVL. TOOL — SCALE NTS
DATE	12/5/2018	

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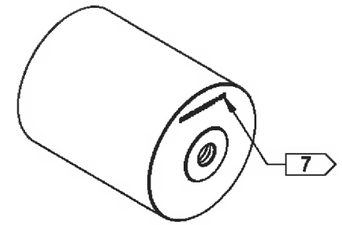
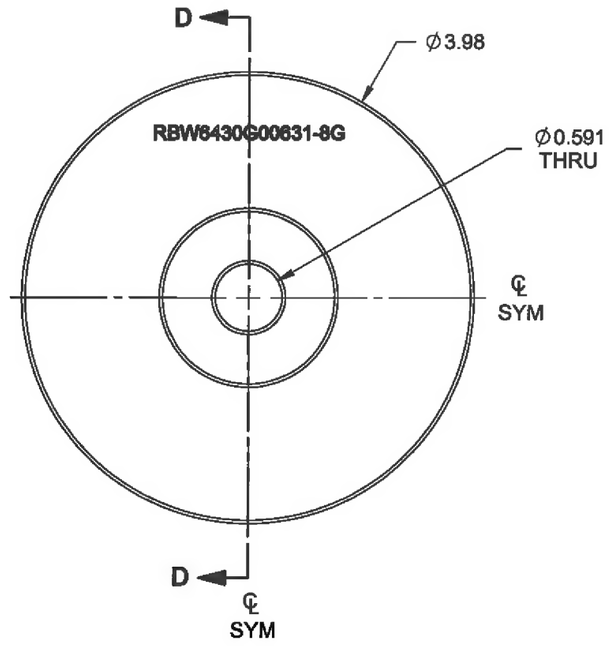
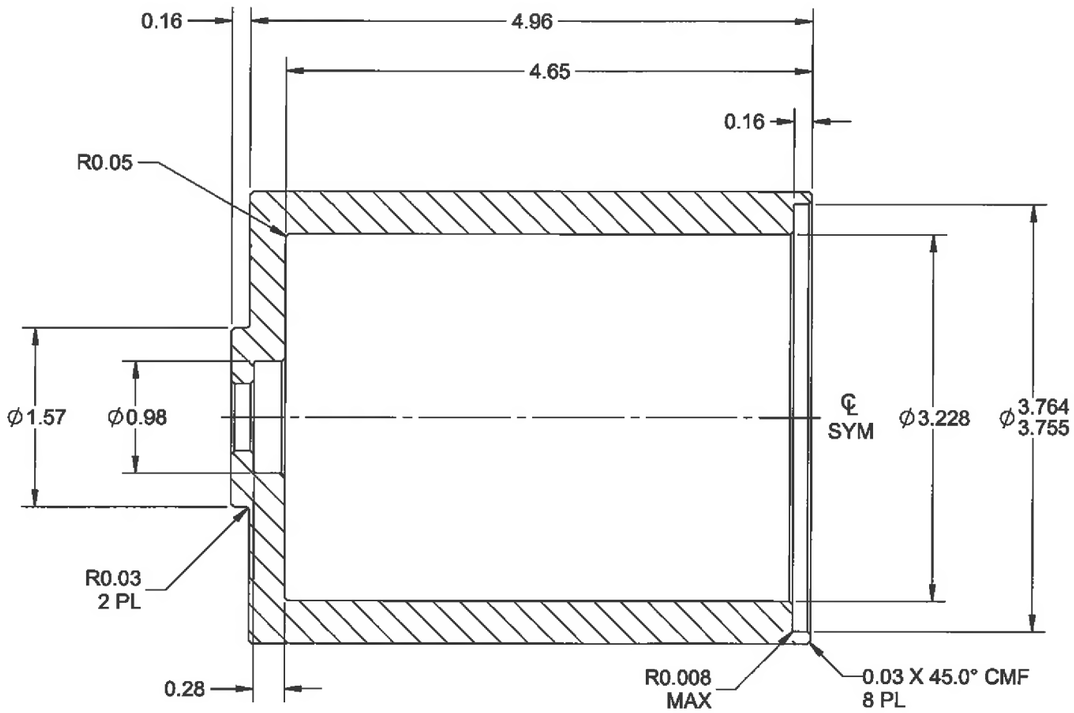




RBW6430G00631-8G-6 REACTION



SECTION D-D

NOTES:
1) MATERIAL: 6061-T6 / 7075-T6
2) HEAT TREAT: N/A
3) FINISH: ANODIZE RED PER MIL-A-8625 TYPE 2 CLASS 2
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: 0.005" TO 0.010"
7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK TOOL PART NUMBER APPROXIMATELY AS SHOWN

DESIGN	KPT	**DART AEROSPACE LTD** HAWKESBURY, ONTARIO, CANADA
DRAWN	KPT	
CHECKED	KPT	TOOL PART # RBW6430G00631-8G — REV. A — SHEET 7 OF 7
MFG. APPR.	DP	
APPROVED	McLee	TITLE T/R SLIDER BUSHING RMVL. TOOL — SCALE NTS
DATE	12/5/2018	

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